Product Datasheet

Anti-IDH2 Antibody (orb234877)

Description	Rabbit polyclonal antibody to IDH2
Species/Host	Rabbit
Reactivity	Human, Mouse, Primate, Rat
Conjugation	Unconjugated
Tested Applications	IF, IH, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IDH2. The exact sequence is proprietary.
Target	IDH2
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	**P54071**, **P48735**, **P56574**
Entrez	**3418**, **361596**, **269951**
Dilution Range	WB: 1:500-1000

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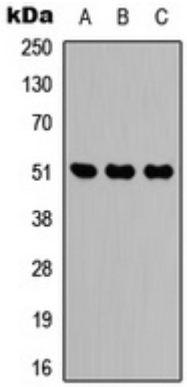
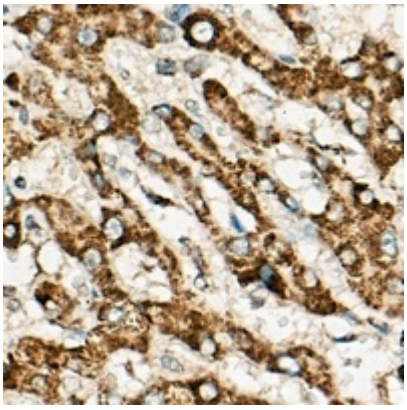
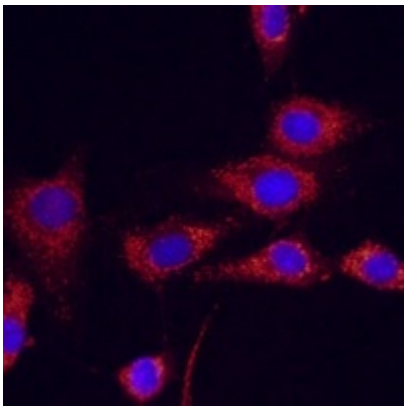
Expiration Date 12 months from date of receipt.



Western blot analysis of IDH2 expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates. (Predicted band size: 45; 50 kD; Observed band size: 51 kD)



Immunohistochemical analysis of IDH2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of IDH2 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF584-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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